

Title (en)

A lithium secondary battery having one discharge region

Title (de)

Lithium Sekundärbatterie mit nur einer Entladeregion

Title (fr)

Batterie secondaire au lithium ne présentant qu'une plage de décharge

Publication

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Application

EP 01113819 A 20010606

Priority

JP 2001073274 A 20010315

Abstract (en)

The present invention provides a battery comprising a cathode having a plurality of discharging regions within an operational potential range, an anode having a first irreversible capacity (AIR), a separator for electrically insulating the cathode and the anode and an electrolyte for electrochemically reacting the cathode and the anode wherein a potential of the cathode in a completely discharged state is at least equal or greater than the highest potential among the plurality of discharging regions.

IPC 1-7

H01M 10/40; **H01M 4/48**

IPC 8 full level

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CPC (source: EP US)

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